Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 19 Jan 2022 until 23:59 on Thursday 20 Jan 2022

Forecast Issued on Tuesday 18 Jan 2022 at 16:05

Confidence: Generally high for a colder spell through Wednesday and much of Thursday and for cloudier, slightly milder conditions later in the week, but lower for cloud amounts..

Headline for Wednesday 19 Jan 2022: Early rain and summit snow then mainly dry with sunny spells. Strong, cold northwesterly winds.

Mountain weather hazards on Wednesday 19 Jan 2022

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Heavy Rain	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
60%	30%	80%	30%	<05%	10%	10%	10%

Forecast for Wednesday 19 Jan 2022

Weather: Mostly cloudy overnight with outbreaks of rain, these becoming heavier and more persistent towards the end of the night. Early rain, perhaps briefly turning to snow above about 750m, soon clearing then a mostly dry day with some good spells of sunshine, perhaps just the odd snow shower across western fells. Then a mainly dry evening with some long clear spells developing.

Chance of cloud free mountain/hill tops above 800m: Little chance overnight but soon after dawn increasing to 75%.

Visibility: Periods or persistent cloud above 300-450m at first soon becoming occasional above 750m. Otherwise visibility becoming very good, but several kilometres in early rain and perhaps a kilometre in any summit snow or snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Wednesday 19 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	41/50 SW	38/48 SW	39/50 W	41/52 NW	36/47 NW	34/44 NW	35/44 NW	31/40 NW	26/34 N
600	29/39 SW	31/43 SW	32/44 W	30/43 NW	26/37 NW	23/34 NW	22/33 NW	21/31 NW	19/28 N
300	11/29 SW	13/32 SW	13/34 W	13/34 NW	13/32 NW	11/30 NW	10/28 NW	9/24 NW	8/20 N
Valley	13/31 SW	14/32 SW	13/32 W	13/32 NW	12/29 NW	11/27 NW	10/27 NW	11/25 NW	10/21 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-6	3/-5	2/-5	0/-9	-1/-10	-1/-10	-2/-11	-2/-11	-3/-12
600	4/-2	5/-2	4/-2	2/-5	2/-6	1/-5	0/-6	-0/-7	-1/-8
300	6/2	7/3	6/3	5/0	4/0	4/0	3/-1	2/-2	1/-2
Valley	7/4	8/4	8/4	6/3	7/3	6/3	5/2	4/1	4/0
Freezing Level*	1400m	1400m	1300m	800m	700m	700m	600m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 60mph over ridges and summits through the morning. Increasing chill effect. Valley temperatures close to freezing in places later in evening.

Forecast for Thursday 20 Jan 2022

Weather: One or two light snow showers overnight, otherwise mainly dry with clear or sunny spells, risk of the odd snow shower again during the evening.

Maximum wind: Northerly or northwesterly 20-25mph, gusts around 40mph over ridges and summits, decreasing 10-15mph through the morning, and backing more westerly later

Chance of cloud free mountain/hill tops above 800m: Around 90%, falling a little during the evening

Visibility: Only small amounts of cloud expected below the summits until evening when cloud becomes occasional above 600m, otherwise visibility very good, falling to just a few kilometres in any evening snow showers.

Temperature: **Valleys:** Minus 1 or 2 Celsius at dawn rising to plus 4 or 5 Celsius by day
At 800m: Minus 4 Celsius
Freezing level: 300m or less, rising to 450m later

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 18 January. Location: Helvellyn summit. Temperature minus 0.2degC. Maximum wind speed 21.6mph. Wind chill minus 8.3degC.Average wind speed18.1mph. Full report:

With fairly stable meteorological conditions, the ground conditions on Tuesday were extremely similar to Monday with marginally more ice at virtually all levels, especially in the morning, after Monday's warmer daytime temperatures followed by the hard overnight frost. The majority of both the Lakeland Fells and paths are free from snow right up to and including summit level with many paths and rocks out of the cloud actually being dry. However, there are also patches of both ice and old hard icy snow. This snow can be found above 700m with the vast majority above 850m in sheltered spots and hollows and on east and north facing aspects. A particular hazard on paths was old compressed icy snow some of which, particularly below 850m, had partly or completely thawed on Monday and frozen again overnight forming ice and, therefore, less easy to see. Owing to overnight frosts and the altitude and location of these snow & ice patches, they are not going to thaw quickly so walkers out on the high fells should be prepared and equipped to encounter them. Cornices remain over steep N and E facing slopes. Although small they should be avoided, so please keep well away from such edges and advise those with less experience to do likewise especially in poor visibility. With the summit daytime temperature returning to zero and the windchill (what the temperature feels like) well below, full winter clothing (waterproofs, extra warm layers, hat and gloves), mountain boots and equipment - including torch, map and compass - are all essential for anyone venturing out onto the high fells. For those attempting, or traversing, steep, exposed routes above the snowline crampons and an ice axe to arrest a slide are essential. Please do not be lulled into a false sense of security; for example once again today the crest of Striding Edge was wonderfully dry, grippy (if that's a word) bare rock. Its exit, though, is guarded by a bank of steep, deep hard snow. There are steps cut into it, and it can be done without equipment, but those doing so were not asking the question "What happens if I slip here?" Thus an ice axe is essential and crampons or at the least microspikes should be carried for those attempting the edges. This is an automated email. If you need a response please email felltop.assessors@lakedistrict.gov.uk

Issued at: 1605 on Tue 18 Jan 2022

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